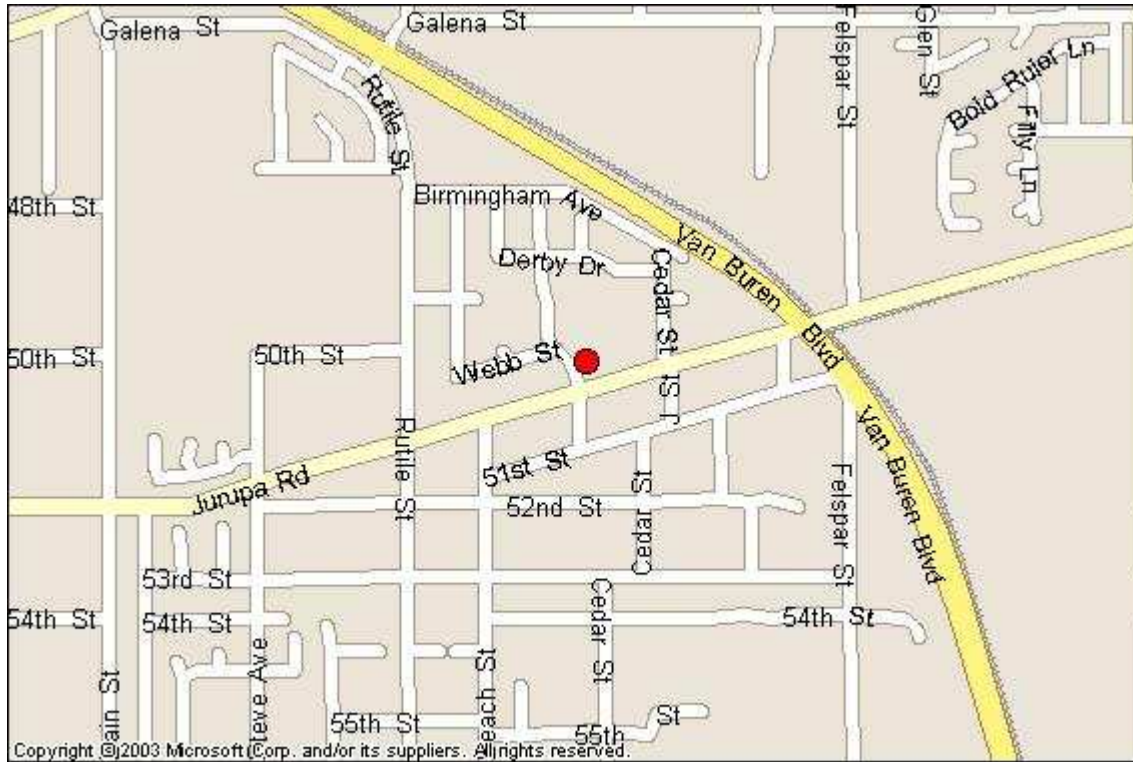


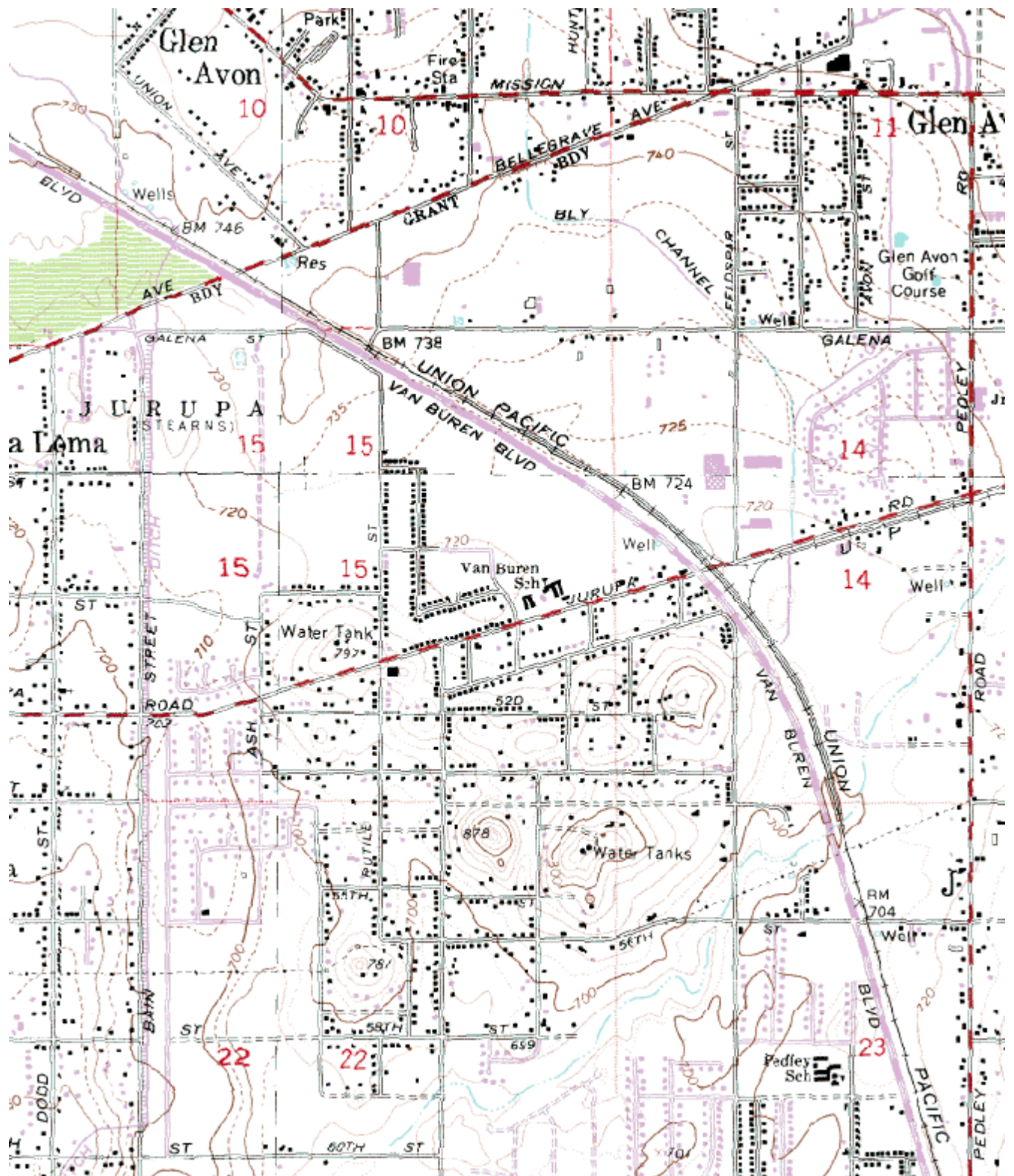
Quality Assurance Site Survey Report for Mira Loma-Van Buren

Last updated March 2009



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060658005	33165	11/05	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
5130 Poinsettia Pl Riverside, CA 92509	Riverside	South Coast	33° 59' 46"	117° 29' 32"	220



Site Survey Report

Siting Information

Site Name: Mira Loma-Van Buren	Date: 03/10/09	State Code: 33165	AIRS Number: 060658005
Address: 5130 Poinsettia Pl Riverside, CA 92509	Latitude: 33° 59' 46"	Longitude: 117° 29' 32"	Elevation (m): 220
	Senior AQIS: Keith Brown	Site Technician: Lila Enriquez	Site Phone: (951) 381-4773
Operating Agency: South Coast AQMD			

General Siting Conditions

Station Temperature	Traffic	Topography	Predominant Wind Direction: SW
			Arc Air Flow (Deg): 360 Degrees
			Probe Last Cleaned: 04/03/08
Controlled: Yes	Description: Residential	Site: Level	QA Manual
Recorded: Yes	Distance: 10 meters	Region: Level	
	Count (Veh/Day): 1500		Manifold Clean: Yes
Meteorology	Non-vehicular Local Sources	Approved: Yes	Cleaning Schedule: 6 Months
		Agency: South Coast	Autocalibrator Type: Environics 9100
		Urbanization: Suburban	Site Survey Complete: Yes
		Ground Cover: Gravel	Logbook Up To Date: Yes
Located With Instruments: Yes	Description: None		
Shadowing: No	Distance: N/A		
	Direction: N/A		

Action Items

Comments

Detailed Site Information

Site Name	Mira Loma-Van Buren			
AQS ID (AIRS #)	060658005			
GIS coordinates	Latitude: 33° 59' 46" Longitude: 117° 29' 32"			
Location	Van Buren Elementary School			
Address	5130 Poinsettia Place, Riverside CA			
County	Riverside			
Dist. to road	10 meters			
Traffic count	1,500 veh/day			
Groundcover	Gravel			
PEP audit?	11/07			
NPAP audit?	11/28/07			
Flow audit?	N/A			
Representative Area	40140-Riverside, San Bernardino-Ontario, CA MSA			
Pollutant	Carbon Monoxide	Nitrogen Dioxide	Ozone	PM10-SSI
Monitor obj	REPRESENTATIVE CONCENTRATIONS	REPRESENTATIVE CONCENTRATIONS	REPRESENTATIVE CONCENTRATIONS	HIGHEST CONCENTRATION
Spatial scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale	Neighborhood Scale
Sampling method	Horiba APMA-360	API 200A	API/Teledyne 400	Andersen 1200
Serial #	41626140013	1613	192	50953
Property #	0016512	E000081	0016586	N/A
Last Calibration Date	09/02/08	01/14/09	12/04/08	08/01/08
Analysis method	N/A	N/A	N/A	Weighed by SCAQMD lab
Start date	11/09/05	11/09/05	11/09/05	11/09/05
Operation schedule	1:1	1:1	1:1	1:6
Sampling season	All Year	All Year	All Year	All Year
Probe height	4.4	4.4	4.4	2.6
Distance from supporting structure	1.8	1.8	1.8	1.6
Distance from obstructions on roof	N/A	N/A	N/A	N/A
Distance from obstructions not on roof	N/A	N/A	N/A	N/A
Distance from trees	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue	N/A	N/A	N/A	N/A
Distance between collocated monitors	N/A	N/A	N/A	N/A
Unrestricted airflow	Yes	Yes	Yes	Yes
Probe material	Teflon	Teflon	Teflon	SS
Residence time	13.9	14.9	14.5	N/A
Will there be changes within the next 18 months?	No	No	No	No
Is it suitable for comparison against the annual PM2.5?	N/A	N/A	N/A	N/A

Frequency of flow rate verification for manual PM samplers audit	N/A	N/A	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers audit	N/A	N/A	N/A	N/A
Frequency of one-point QC check (gaseous)	Nightly	N/A	N/A	N/A
Last Annual Performance Evaluation (gaseous)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors	N/A	N/A	N/A	01/08/08, 07/14/08

Pollutant	BAM-PM2.5	Andersen PM2.5		
Monitor obj	REPRESENTATION CONCENTRATION	REPRESENTATIVE CONCENTRATION		
Spatial scale	Neighborhood Scale	Neighborhood Scale		
Sampling method	MetOne BAM1020	FRM PM2.5		
Serial #	H3184	2.5-300-00434		
Property #	16718	N/A		
Last Calibration Date	08/07/08	11/18/08		
Analysis method	Weighed by SCAQMD lab	Weighed by SCAQMD lab		
Start date	11/09/05	12/07/05		
Operation schedule	Cont	1:3		
Sampling season	All Year	All Year		
Probe height	4.5	2.9		
Distance from supporting structure	1.9	1.9		
Distance from obstructions on roof	N/A	N/A		
Distance from obstructions not on roof	N/A	N/A		
Distance from trees	N/A	N/A		
Distance to furnace or incinerator flue	N/A	N/A		
Distance between collocated monitors	N/A	N/A		
Unrestricted airflow	Yes	Yes		
Probe material	N/A	N/A		
Residence time	N/A	N/A		
Will there be changes within the next 18 months?	No	No		
Is it suitable for comparison against the annual PM2.5?	No	Yes		

Frequency of flow rate verification for manual PM samplers audit	N/A	Monthly		
Frequency of flow rate verification for automated PM analyzers audit	Bi-Weekly	N/A		
Frequency of one-point QC check (gaseous)	N/A	N/A		
Last Annual Performance Evaluation (gaseous)	N/A	N/A		
Last two semi-annual flow rate audits for PM monitors	N/A	03/05/08, 10/21/08		

**Mira Loma-Van Buren
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**Mira Loma-Van Buren
Site Photos (Cont.)**



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.